

EALRs and GLEs for King County WR/R Secondary Workshops

EcoConnections Workshops	Program Description	Relevant WA State EALRs	Relevant WA State GLEs
Biodiversity in Our World	<p>What is biodiversity and why is it important for survival on Earth? Students actively engage in a discussion of real world issues such as habitat protection, population growth, pollution and overconsumption. Through challenging and fun hands-on activities, students gain a clear understanding of biodiversity, human impacts on the planet, and how their personal choices can make a difference. The video, "Natural Connections," is a prerequisite for this workshop.</p>	<p>Communication 1.1 The student uses listening and observation skills and strategies to focus attention and interpret information.</p> <p>Communication 2.2 Uses interpersonal skills and strategies in a multicultural context to work collaboratively, solve problems, and perform tasks.</p> <p>Reading 1.3 Build vocabulary through reading.</p> <p>Reading 2.3 Understand The Meaning of What is Read: Expand comprehension by analyzing, interpreting, and synthesizing information and ideas in literary and informational text.</p> <p>Science 1.3 Understand how interactions within and among systems cause changes in matter and energy.</p> <p>Science 3.2 Analyze how science and technology are human endeavors, are interrelated to each other, society, the workplace, and the environment.</p> <p>History 2.2 Understand how ideas and technological developments influence people, culture, and environment.</p> <p>Social Studies: Geography 3.1 The student observes and analyzes the interaction between people, the environment, and culture.</p>	<p>Communication 1.1.2 Applies a variety of listening and observation skills/strategies to interpret information.</p> <p>Communication 2.2.1 Uses communication skills that demonstrate respect.</p> <p>Communication 2.2.2 Applies skills and strategies to contribute responsibly in a group setting.</p> <p>Reading 1.3.1 Understand and apply new vocabulary.</p> <p>Reading 2.3.1 Expand Comprehension by Analyzing, Interpreting, and Synthesizing Information and Ideas in Literary and Informational Text: Explain how an action leads to long-lasting effects.</p> <p>Science 1.2.1 Structures: Analyze how the parts of a system interconnect and influence each other.</p> <p>Science 1.3.10 Changes: Understand how organisms in ecosystems interact with and respond to their environment and other organisms. Analyze the living and nonliving factors that affect organisms in ecosystems.</p> <p>Science 3.2.4 Science, Technology, and Society: Analyze how human societies' use of natural resources affects the quality of life and the health of ecosystems. Analyze the effects human activities have on Earth's capacity to sustain biological diversity.</p>

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Biospheres	Examine the biotic and abiotic factors that influence an ecosystem within a closed environment. Students analyze the effect of their daily consumption on the earth, and learn ways they can live sustainably within their own closed system - the Biosphere. This workshop is adapted for grade level to provide high school students with a more complex version.	<p>Science 1.2 Structures: Understand how components, structures, organizations, and interconnections describe systems.</p> <p>Science 1.3 Changes: Understand how interactions within and among systems cause changes in matter and energy.</p>	<p>Science 1.2.1 Structure of Physical Earth/Space and Living Systems: Analyze how the parts of a system interconnect and influence each other.</p> <p>Science 1.3.10 Interdependence of Life: Understand how organisms in ecosystems interact with and respond to their environment and other organisms.</p>

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Consumption Junction	How do our lifestyles affect the quality of the Earth's environment? Learn about the time, energy, and natural resources that go into making an everyday product, and how we can limit consumption to create a more sustainable future.	<p>Science 1.2 Structures: Understand how components, structures, organizations, and interconnections describe systems.</p> <p>Science 3.2 Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment.</p> <p>Reading 3.1 Read Different Material For a Variety of Purpose: Read to learn new information.</p> <p>Reading 3.2 Read Different Material For a Variety of Purpose: Read to perform a task.</p> <p>Mathematics 1.1 Understand and Apply Concepts and Procedures From Number Sense: Number and numeration, computation, and estimation.</p>	<p>Science 1.2.1 Structure of Physical Earth/Space and Living Systems: Analyze how the parts of a system interconnect and influence each other.</p> <p>Science 3.2.4 Environmental and Resource Issues: Analyze how human societies' use of natural resources affects the quality of life and the health of ecosystems.</p> <p>Reading 3.1.1 Reading to Learn New Information: Follow multi-step written directions.</p> <p>Reading 3.2.2 Reading to Perform a Task: Apply understanding of complex information, including function documents, to perform a task.</p> <p>Mathematics 1.1.6 Understand and Apply Concepts and Procedures From Number Sense: Apply computation procedures with fluency for multiplication on non-negative numbers.</p>

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<p>Earth Impact: Over-Consumption or Sustainability?</p>	<p>How and why do we choose what to buy and what impact do these choices have on our planet? Rotating through stations that explore advertising, packaging, and our ecological footprint, students recognize what impacts their choices have on the environment and how to choose more sustainable products. Students use critical thinking and problem solving skills in order to make informed decisions. The high school version includes a more in-depth look at what sustainability is and the different ways to adopt a sustainable lifestyle. The videos “Stuff” and “Gotta Have It” are recommended viewing prior to this workshop.</p>	<p>Communication 1.1 The student uses listening and observation skills and strategies to gain understanding.</p> <p>Communication 1.2 Understands, analyzes, synthesizes, or evaluates information from a variety of sources.</p> <p>Communication 2.2 Uses interpersonal skills and strategies in a multicultural context to work collaboratively, solve problems, and perform tasks.</p> <p>Reading 1.3 Build vocabulary through reading.</p> <p>Reading 2.3 Understand The Meaning of What is Read: Expand comprehension by analyzing, interpreting, and synthesizing information and ideas in literary and informational text.</p> <p>Science 3.1 Designing Solutions: Apply knowledge and skills of science and technology to design solutions to human problems or meet challenges.</p> <p>Science 3.2 Analyze how science and technology are human endeavors, are interrelated to each other, society, the workplace, and the environment.</p> <p>Geography 3.1 The student observes and analyzes the interaction between people, the environment, and culture.</p> <p>History 2.2 Understand how ideas and technological developments influence people, culture, and environment.</p>	<p>Communication 1.1.2 Applies a variety of listening and observation skills/strategies to interpret information.</p> <p>Communication 1.2.2 Analyzes mass media for bias and use of persuasive techniques and evaluates their impact.</p> <p>Communication 2.2.1 Uses communication skills that demonstrate respect.</p> <p>Communication 2.2.2 Applies skills and strategies to contribute responsibly in a group setting.</p> <p>Reading 1.3.1 Understand and apply new vocabulary.</p> <p>Reading 2.3.1 Expand Comprehension by Analyzing, Interpreting, and Synthesizing Information and Ideas in Literary and Informational Text: Explain how an action leads to long-lasting effects.</p> <p>Science 3.1.3 Analyze multiple solutions to a problem or challenge.</p> <p>Science 3.2.4 Science, Technology, and Society: Analyze how human societies' use of natural resources affects the quality of life and the health of ecosystems.</p>

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<p>Environmental Improv</p>	<p>To be or not to be...environmentally friendly! This new workshop focuses on resource conservation using an improvisational theater format.</p>	<p>Communication 1.1 Uses listening and observation strategies and skills to focus attention and interpret information.</p> <p>Communication 1.2 Interprets, analyzes, synthesizes, or evaluates information from a variety of sources.</p> <p>Communication 3.1 Uses knowledge of topic/theme, audience, and purpose in planning presentations.</p> <p>Communication 3.2 Uses media and other resources to support presentations.</p> <p>Communication 3.3 Uses effective delivery.</p> <p>Social Studies: Geography 3.1 Identify and examine people's interaction with and impact on the environment.</p> <p>Reading 1.3 Building vocabulary through wide reading.</p> <p>Reading 1.4 Apply word recognition skills and strategies to read fluently.</p>	<p>Communication 1.1.1 Applies a variety of listening strategies to accommodate the listening situation.</p> <p>Communication 1.2.1 Analyzes relationships within and between visual and auditory information.</p> <p>Communication 3.1.1 Applies skills to plan for effective oral communication and presentation.</p> <p>Communication 3.2.1 Uses available relevant technology and resources to support or enhance a presentation.</p> <p>Communication 3.3.1 Applies skills and strategies for the delivery of effective oral communication and presentations.</p> <p>Social Studies: Geography 3.1.2a Analyze the different ways people use the environment, identify the consequences of use, and consider possible alternatives.</p> <p>Reading 1.3.1 Understand and apply new vocabulary.</p> <p>Reading 1.4.2 Apply fluency to enhance comprehension.</p> <p>Reading 1.4.3 Apply different reading rates to match text.</p>

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<p style="text-align: center;">Think Twice</p>	<p>Using popular teen products such as cell phones and clothing, students explore the concept of product stewardship and examine product life cycles and the importance of making conscious, sustainable shopping choices. This workshop is recommended as a follow-up to Earth Impact or Consumption Junction.</p>	<p>Social Studies Skills 3.1 Understand and apply critical thinking and problem solving skills to make informed and reasoned decisions.</p> <p>Social Studies: Geography 3.1 Identify and examine people's interaction with and impact on the environment.</p> <p>Social Studies: History 2.2 Understand how ideas and technological developments influence people, culture, and environment.</p> <p>Communication 1.1 Use listening and observation strategies and skills to focus attention and interpret information.</p> <p>Communication 2.2 Use interpersonal skills and strategies to work collaboratively, solve problems and perform a task.</p> <p>Communication 3.3 Use effective delivery.</p>	<p>Social Studies Skills 3.1.3a Identify central issue; formulate appropriate questions; identify multiple perspectives; compare and contrast; determine relevant information.</p> <p>Social Studies Skills 3.1.3c Compare advantages and the disadvantages, suggest alternate solutions; predict probably consequences, provide evidence to justify best solution.</p> <p>Social Studies Skills 3.1.3d Analyze and evaluate the impact of ideas, event, and/or people on groups, environments, economic systems, and/or subsequent events.</p> <p>Social Studies: Geography 3.1.2a Analyze the different ways people use the environment, identify the consequences of use, and consider possible alternatives.</p> <p>Social Studies: History 2.2.1 Describe instances in which new technology has led to changes in values, beliefs, and attitudes.</p> <p>Social Studies: History 2.2.3 Analyze how technological developments have changed people's ideas about the natural world and evaluate their short and long-term consequences.</p> <p>Communication 1.1.2 Apply a variety of listening and observation skills/strategies to interpret information.</p> <p>Communication 2.2.1 use communication skills that demonstrate respect.</p> <p>Communication 2.2.2 Apply skills to contribute responsibly in a group setting.</p> <p>Communication 3.3.1 Apply skills and strategies for delivery of effective oral communication and presentations.</p>